

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Takeshi KUMAKURA  
Application No.: NEW APPLICATION  
Filed: October 9, 2003  
For: **IMAGE PROCESSING APPARATUS, IMAGE  
PROCESSING METHOD AND IMAGE PROCESSING  
PROGRAM FOR MAGNIFYING AN IMAGE**

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INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

October 9, 2003

**MAIL STOP NEW APPLICATION**  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

The relevancy of JP-A-H4-330858 and JP-A-H4-333989 are discussed on page 2 of the application, second to last and last paragraph; the relevancy of JP-A-H4-07-152907 is discussed on page 3 of the application, first [paragraph; and the relevancy of the enclosed Image analysis handbook is discussed on page 1 of the application, second paragraph. Further for the Examiner's convenience, Applicants submit herewith an English language Abstract for each of the non-English language documents, and/or a partial translation thereof.

c. ☐ **OTHER**

For the Examiner's convenience, we attach hereto U.S. Patent No. , which is the corresponding U.S. equivalent of . Submission of the English language equivalent(s) is deemed to satisfy the requirement for a concise explanation of relevancy.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

New U.S. Application  
Docket No. 83993-000003/US

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

By:   
Donald J. Daley, Reg. No. 34,313

DJD:jj

P.O. Box 8910  
Reston, Virginia 20195  
(703) 668-8000

Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☐ Fee

Form PTO-1449				ATTY DOCKET NO. 83993-000003/US		APPLICATION NO.	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				APPLICANT Takeshi KUMAKURA		CONF. NO. Unknown	
				FILING DATE October 9, 2003		GROUP Unknown	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	JP-A-H4-330858	11/18/1992	JAPAN			ABST.	
	JP-A-H4-333989	11/20/1992	JAPAN			ABST.	
	JP-A-H7-152907	6/16/1995	JAPAN			ABST.	
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.							
		"Digital Half-Toning Techonology", Kyoritsu Shuppan, Nov. 15, 20002, p.83-p.84					
		"Image Analysis Handbook", University of Tokyo Press, Jan. 17, 1991, p. 441-p.444					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							